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PATENT
(5181-70200/P5198)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/653,451
Filed: August 31, 2000
Inventor(s):
Slaughter et al

§ Examiner: Unknown
§ Group/Art Unit: 2152
§ Atty. Dkt. No: 5181-70200
§

§ I hereby certify that this correspondence is being deposited with
§ the United States Postal Service with sufficient postage as first
§ class mail in an envelope addressed to Commissioner for
§ Patents, Washington, DC 20231, on the date indicated below.

§ Robert C. Kowert
§ Name of Registered Representative

§  Oct. 25, 2002
§ Signature Date

Title: METHOD AND
APPARATUS TO
DISCOVER SERVICES
AND NEGOTIATE
CAPABILITIES

INFORMATION DISCLOSURE STATEMENT

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OCT 29 2002

Technology Center 2100

Sir:

Applicant requests consideration of the references listed on the attached Form PTO-1449 and/or the additional information identified below in paragraph 3. A copy of each reference listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:

- a. within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
 within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
 before the mailing date of a first Office Action on the merits; or
 before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

- b. after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: the certification of paragraph 2 below is provided, or a fee of \$180.00 is enclosed.

c. after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.

2. It is hereby certified:

that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.

3. Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

U.S. Patent Application Serial No. 09/653,608 (5181-70300)
U.S. Patent Application Serial No. 09/653,215 (5181-70400)
U.S. Patent Application Serial No. 09/698,791 (5181-65000)
U.S. Patent Application Serial No. 09/653,525 (5181-64700)
U.S. Patent Application Serial No. 09/653,614 (5181-67400)
U.S. Patent Application Serial No. 09/660,548 (5181-67000)
U.S. Patent Application Serial No. 09/660,563 (5181-64900)
U.S. Patent Application Serial No. 09/653,610 (5181-70500)
U.S. Patent Application Serial No. 09/653,612 (5181-64000)
U.S. Patent Application Serial No. 09/660,553 (5181-65400)

4. For each non-English language reference listed on the attached Form PTO-1449:

reference is made to an English language translation submitted herewith, and/or

reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or

reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or

reference is made to the concise explanation set forth below:

5. Applicant also offers the following comments for the Examiner's consideration:

6. Also enclosed is a copy of a foreign search report citing these references.

7. The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Conley, Rose & Tayon, P.C. Deposit Account No. 50-1505/5181-70200/RCK.

Respectfully submitted,

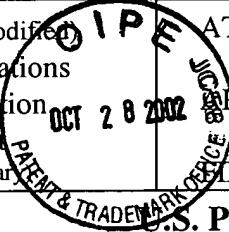


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Date: Oct. 25, 2002

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|---|--|---|--------------------------------------|
| Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary) | | ATTY. DKT. NO. 5181-70200 APPLICANT: Slaughter et al FILING DATE: August 31, 2000 | SERIAL NO. 09/653,451 GROUP: 2152 |
|---|--|---|--------------------------------------|

**U.S. PATENT DOCUMENTS**

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | Inventors | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|----------|------------------|-------|-----------|------------------------|
| | D1 | 6,324,566 | 11/27/01 | Himmel, et al. | | | RECEIVED |
| | D2 | 6,332,062 | 12/18/01 | Phillips, et al. | OCT | 29 2002 | |
| | D3 | 6,405,175 | 6/11/02 | Ng | | | |
| | D4 | 5,649,186 | 7/15/97 | Ferguson | | | Technology Center 2100 |

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | REF. DES. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|----------------|-----------|-----------------|---------|---------|-------|-----------|--------------------|
| | D5 | 892 530 | 1/20/99 | EP | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|---|
| D6 | Morgenthaler, et al., U.S. Publication No. 2002/0032677, Published March 14, 2002, entitled "Methods for Creating, Editing, and Updating Searchable Graphical Database and Databases of Graphical Images and Information and Displaying Graphical Images From a Searchable Graphical Database or Databases in a Sequential or Slide Show Format". |
| D7 | Granik, et al., U.S. Publication No. 2002/0010757, Published January 24, 2002, entitled "Method and Apparatus for Replacement of On-Line Advertisements". |
| D8 | Do Rosario Botelho, et al., U.S. Publication No. 2002/0069105, Published June 6, 2002, entitled "Data Processing System for Targeted Content". |
| D9 | Addante, U.S. Publication No. 2002/0004733, Published January 10, 2002, entitled "Method and Apparatus for Transaction Tracking Over a Computer Network". |
| D10 | Ullman, et al., U.S. Publication No. 2002/0038344, Published March 28, 2002, entitled "Enhanced Video Programming System and Method for Incorporating and Displaying Retrieved Integrated Internet Information Segments". |
| D11 | Uppaluru, U.S. Publication No. 2002/0080927, Published June 27, 2002, entitled "System and Method for Providing and Using Universally Accessible Voice and Speech Data Files". |
| D12 | XP-002211482, "Federating and Administering Lookup Services", pp. 320-329, 405-419, 635-656, June 1999. |
| D13 | XP-002212134, "The Search API's", pp. 297-305, 320-329 June 1999. |
| D14 | "Network Nirvana and the Intelligent Device", Spotlight, XP-002927392, pp. 16-19, April 1999. |
| D15 | "Behavioral Specification Using XML", McKee and Marshall, IEEE, pp. 53-59, 1999. |
| D16 | "JavaSpaces", Chapter 15, XP-002212109, pp. 636-657, June 1999. |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

EXAMINER:

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.